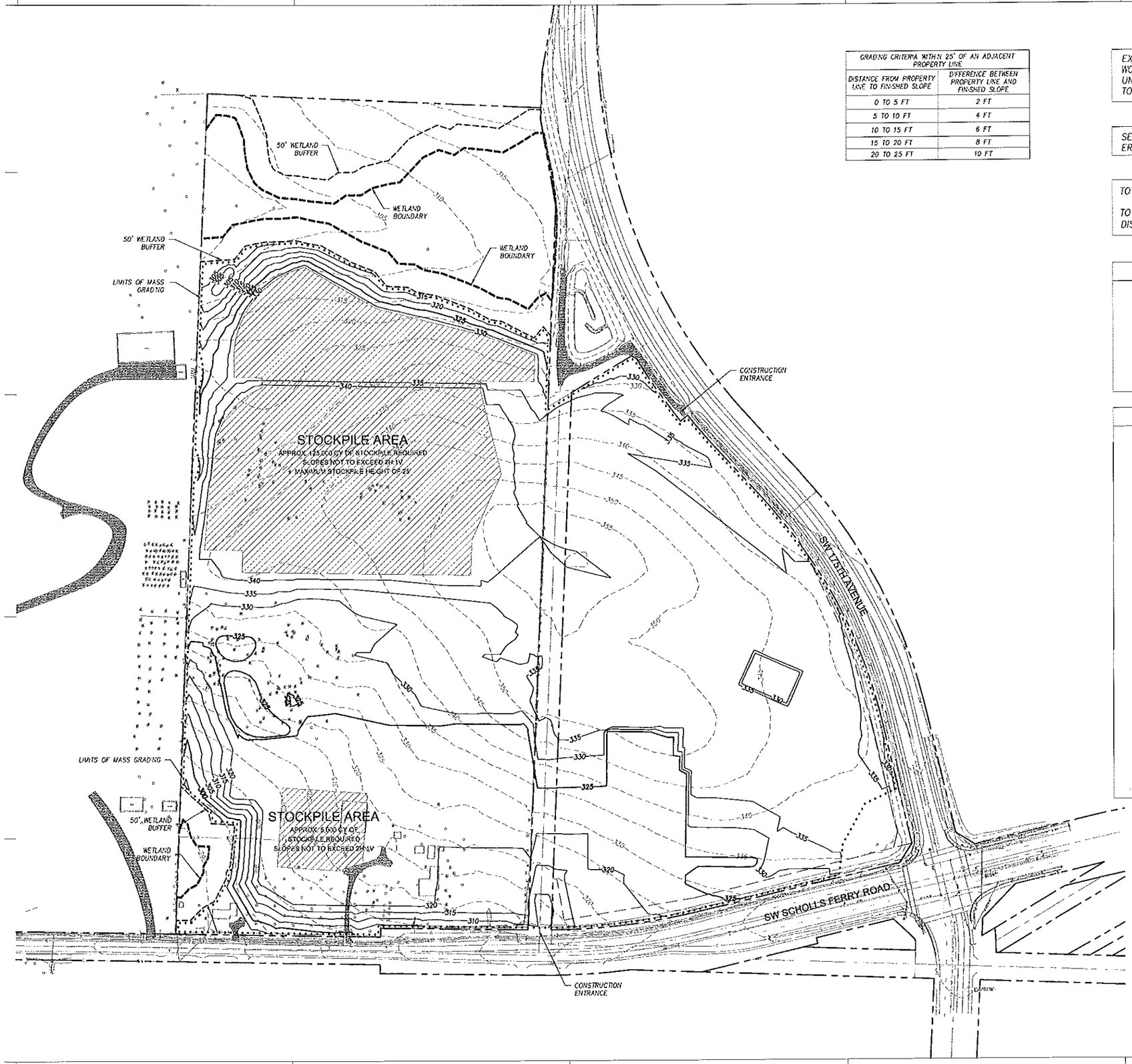


GRADING CRITERIA WITHIN 25' OF AN ADJACENT PROPERTY LINE	
DISTANCE FROM PROPERTY LINE TO FINISHED SLOPE	DIFFERENCE BETWEEN PROPERTY LINE AND FINISHED SLOPE
0 TO 5 FT	2 FT
5 TO 10 FT	4 FT
10 TO 15 FT	6 FT
15 TO 20 FT	8 FT
20 TO 25 FT	10 FT

EXISTING STRUCTURES WITHIN WORK AREA TO BE REMOVED UNDER SEPARATE PERMIT PRIOR TO MASS GRADING.

SEE SHEETS EC100–EC104 FOR EROSION CONTROL

TOTAL SITE AREA = 47.9 ACRES

TOTAL MASS GRADING DISTURBED AREA = 39.6 ACRES

PROPOSED LEGEND

- LIMITS OF MASS GRADING
- PROPERTY LINE
- EXISTING CONTOUR
- MASS GRADING CONTOURS
- WETLAND BOUNDARY
- WETLAND BUFFER

EXISTING LEGEND

- STORM SEWER LINE
- SANITARY SEWER LINE
- WATER LINE
- GAS LINE
- OVERHEAD WIRE
- FENCE LINE, TYPE AS NOTED
- TELEPHONE LINE
- ELECTRIC LINE
- FLOWLINE
- BUILDING LINE
- UTILITY LINE IS BELIEVED TO CONTAIN, CONNECTION NOT LOCATED OR UNKNOWN
- MAJOR CONTOUR – 5' INTERVALS
- MINOR CONTOUR – 1' INTERVALS
- SANITARY SEWER MANHOLE
- UNKNOWN STAND PIPE
- CLEANOUT
- UNKNOWN JUNCTION BOX
- STORM SEWER MANHOLE
- GUY WIRE
- CATCH BASIN
- STREET LIGHT
- DITCH INLET
- STREET LIGHT BOX
- CURB INLET
- UTILITY POLE
- WATER VALVE
- UTILITY POLE W/ UNDERGROUND LIN
- FIRE HYDRANT
- SINGLE POST SIGN
- HOSE BIB / WATER SPIGOT
- GATE POST
- GAS VALVE
- MAIL BOX
- POWER METER
- CONIFEROUS TREE (APPROXIMATE DIAMETER BREAST HIGH AS NOTED)
- ELECTRIC BOX
- DECIDUOUS TREE (APPROXIMATE DIAMETER BREAST HIGH AS NOTED)
- TELEPHONE BOX
- FIBER OPTIC WARNING SIGN
- STUMP – APPROXIMATE DIAMETER ON TOP, OR DIA. IF OVER 4' TALL
- TRAFFIC UTILITY CABINET
- BOLLARD
- TRAFFIC SIGNAL BOX
- SIGNAL POLE WITH PEDESTRIAN PUSH BUTTON
- EXISTING CONCRETE SURFACE
- SIGNAL POLE WITH LIGHT AND PEDESTRIAN PUSH BUTTON
- EXISTING ASPHALT SURFACE
- EXISTING GRAVEL SURFACE
- HHPR CONTROL POINT
- FOUND MONUMENT AS NOTED IN TABLE. PROTECT.
- WETLAND FLAG/TEST PIT
- EXISTING TACTILE STRIP

0 50 100 200
SCALE: 1" = 100'

Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone 503.221.1131 www.hhpr.com fax 503.221.1171

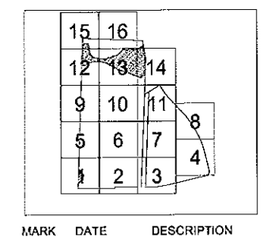
boora
Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE



MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

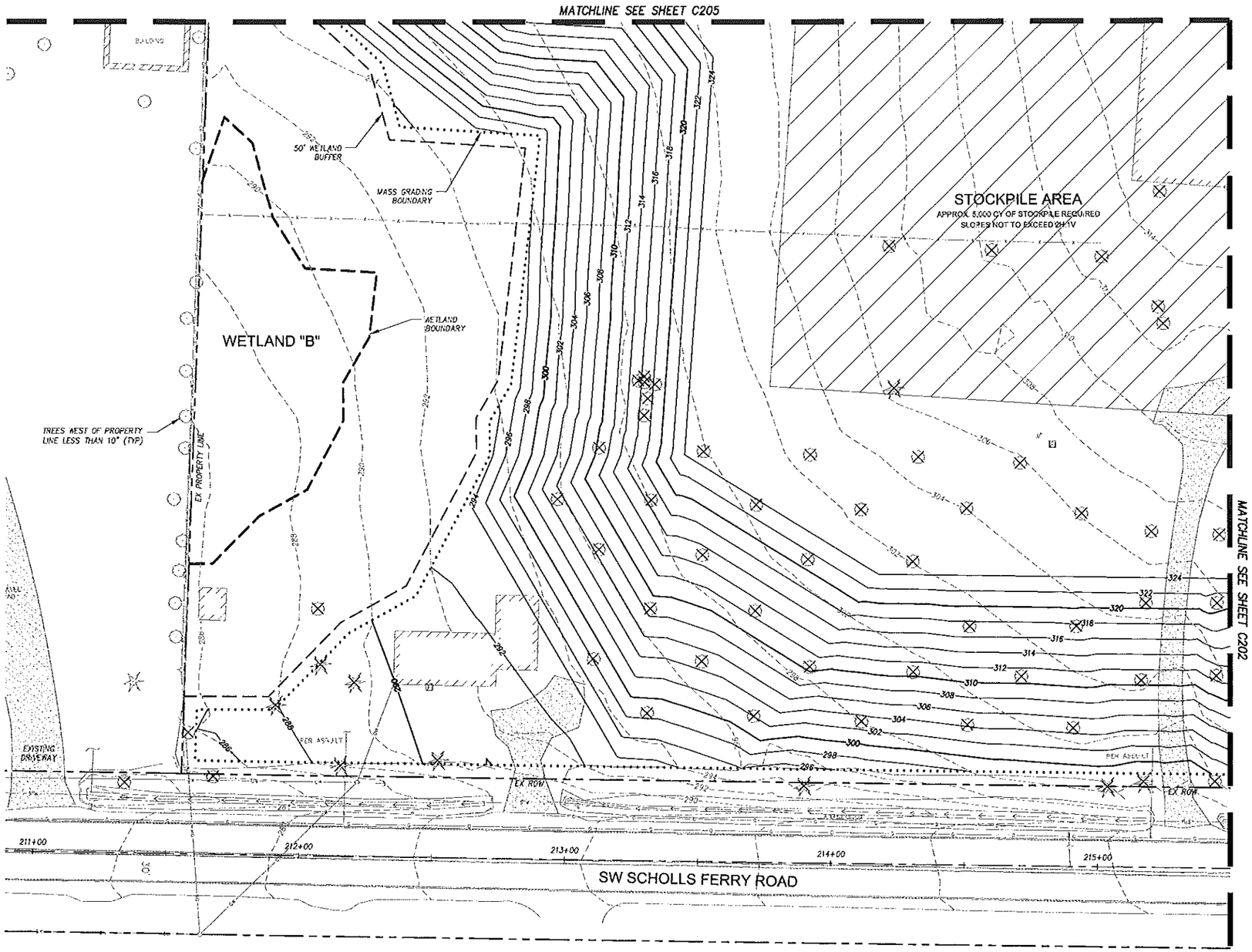
Scale:

Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C200



EXISTING STRUCTURES TO BE REMOVED UNDER SEPARATE PERMIT PRIOR TO MASS GRADING.

HHPR Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone: 503.221.1131 www.hhpr.com fax: 503.221.1171

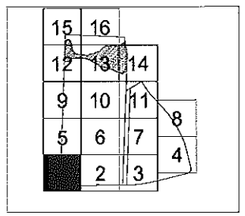
boora
Boora Architects Inc.
720 SW Washington Suite 600
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE



MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

Scale:

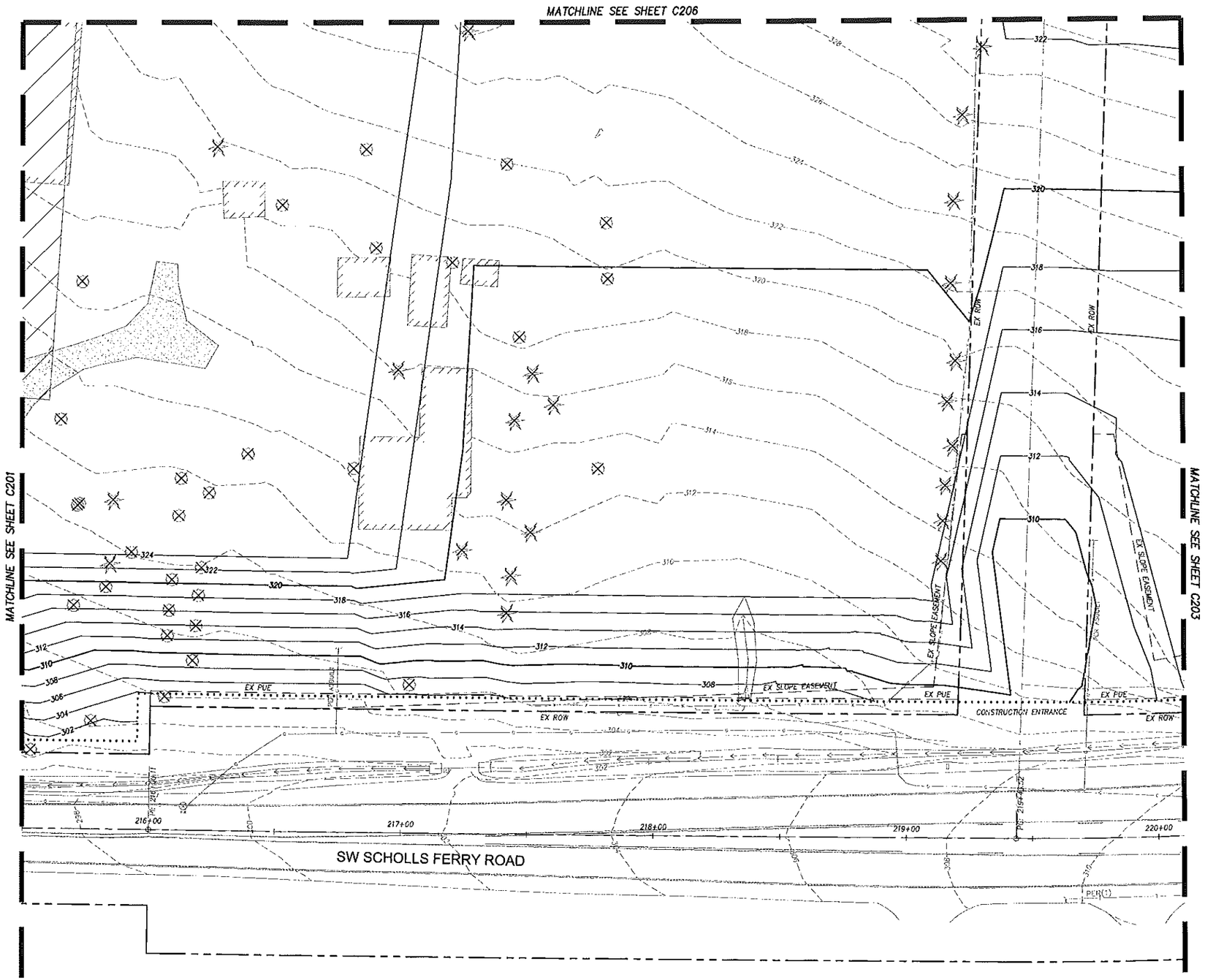
Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C201

0 10 20 40
SCALE: 1" = 20'



EXISTING STRUCTURES TO BE REMOVED UNDER SEPARATE PERMIT PRIOR TO MASS GRADING.

HHPR Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone: 503.221.1131 www.hhpr.com fax: 503.221.1171

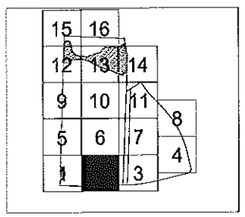
boora
Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE



MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

Scale:

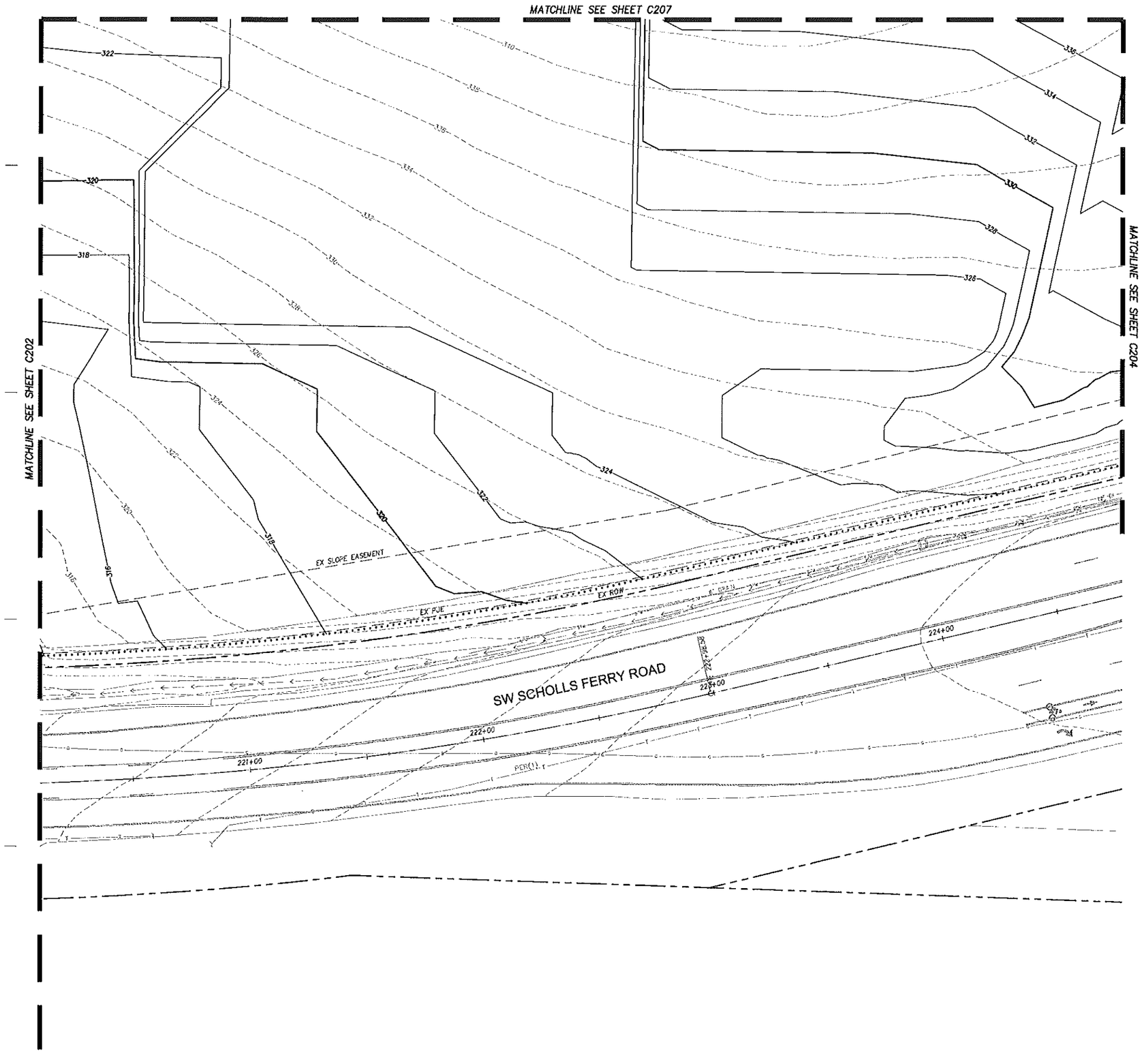
Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

0 10 20 40
SCALE: 1" = 20'

C202



Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone: 503.221.1131 www.hhpr.com fax: 503.221.1171

boora

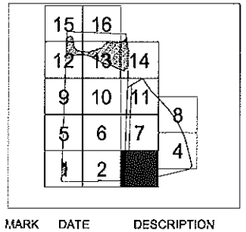
Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7420
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE



MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

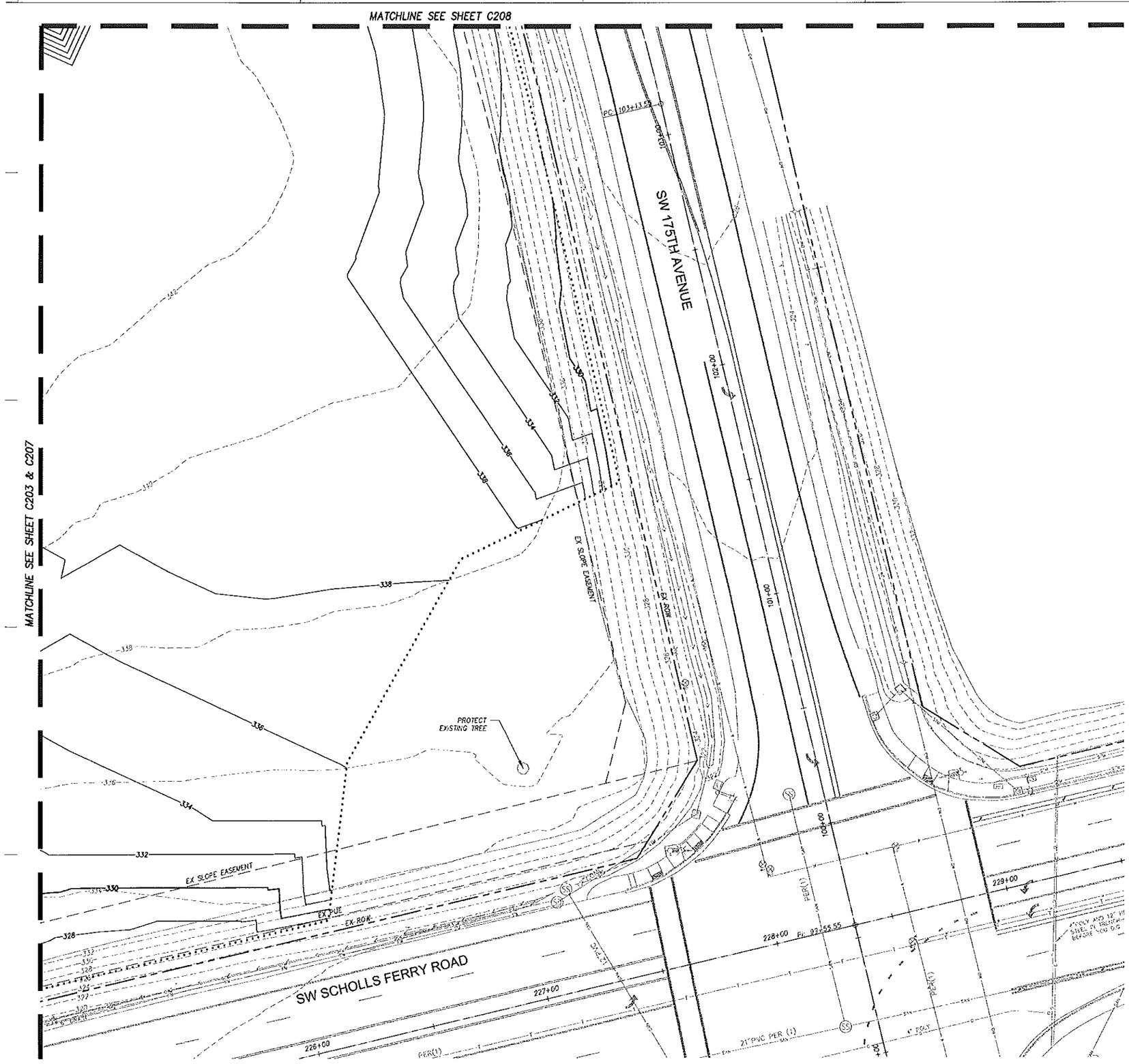
Scale:

Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C203



Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone 503.221.1131 www.hhpr.com fax 503.221.1171

boora

Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE

15	16	
12	13	14
9	10	11
5	6	7
1	2	3

8

MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

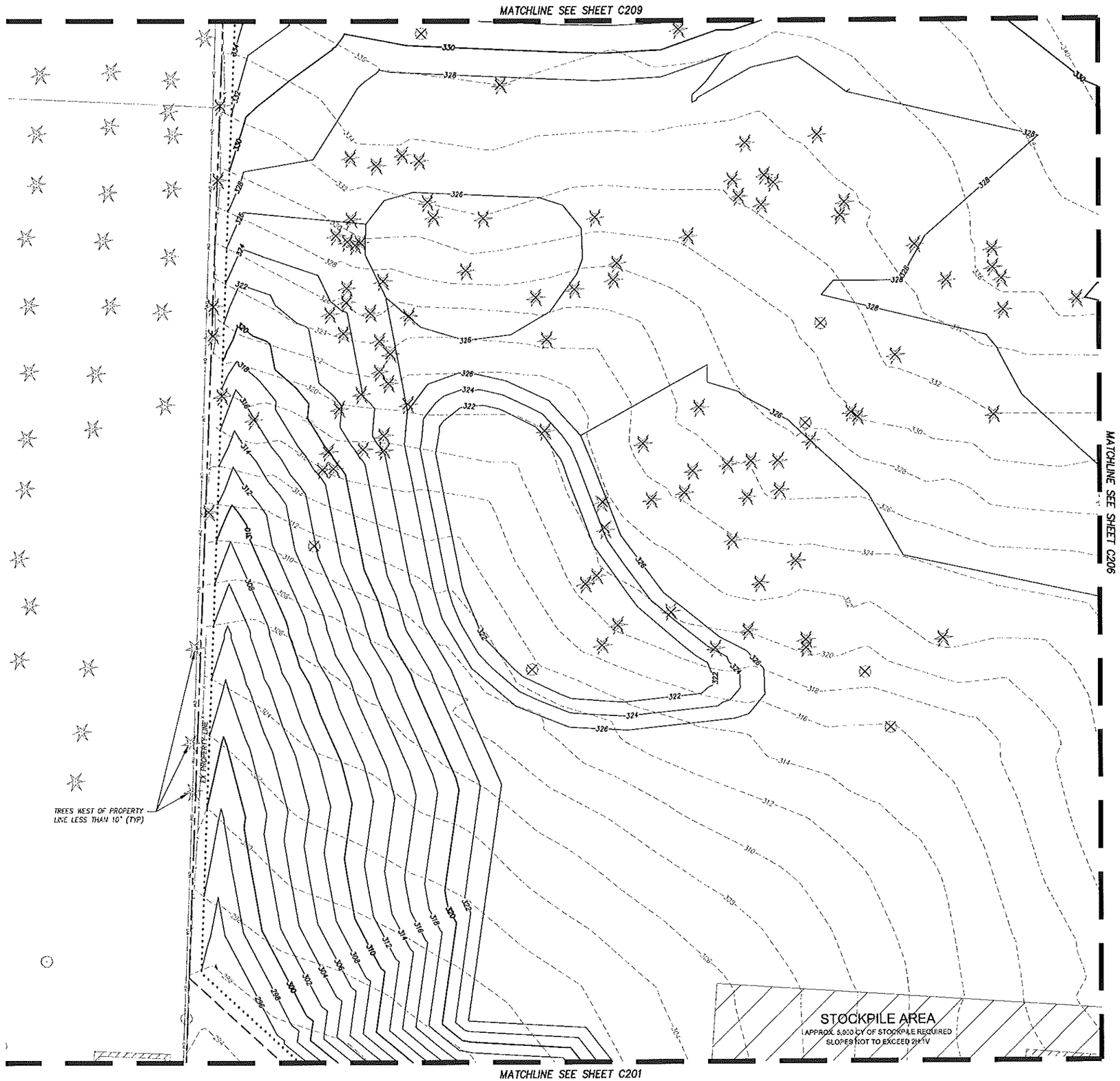
Scale:

Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C204



Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone: 503.221.1131 www.hhpr.com fax: 503.221.1171

boora

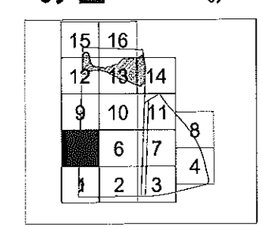
Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE



MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

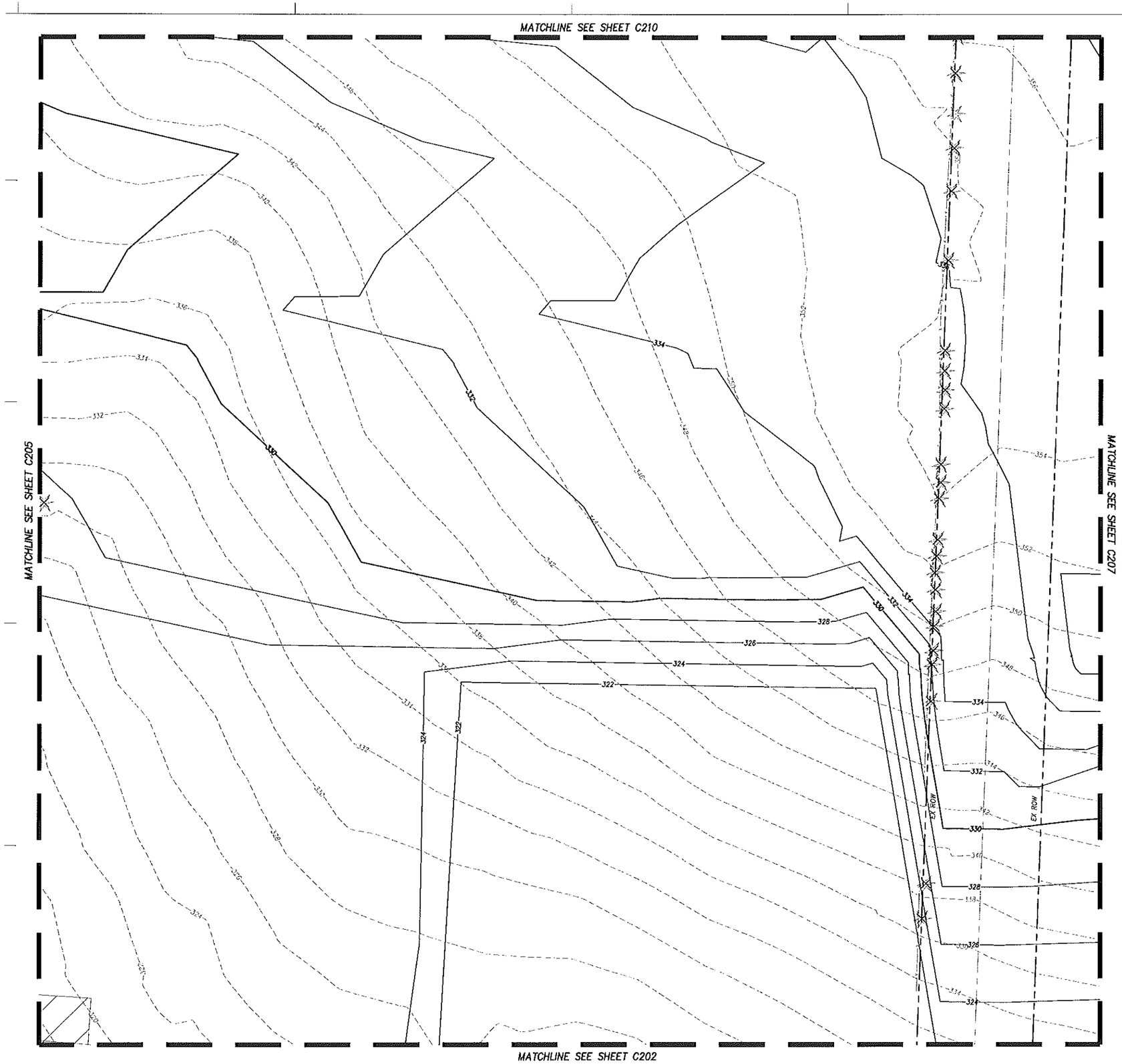
Scale:

Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C205



Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone: 503.221.1131 www.hhpr.com fax: 503.221.1171

boora

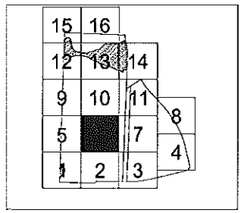
Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE



MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

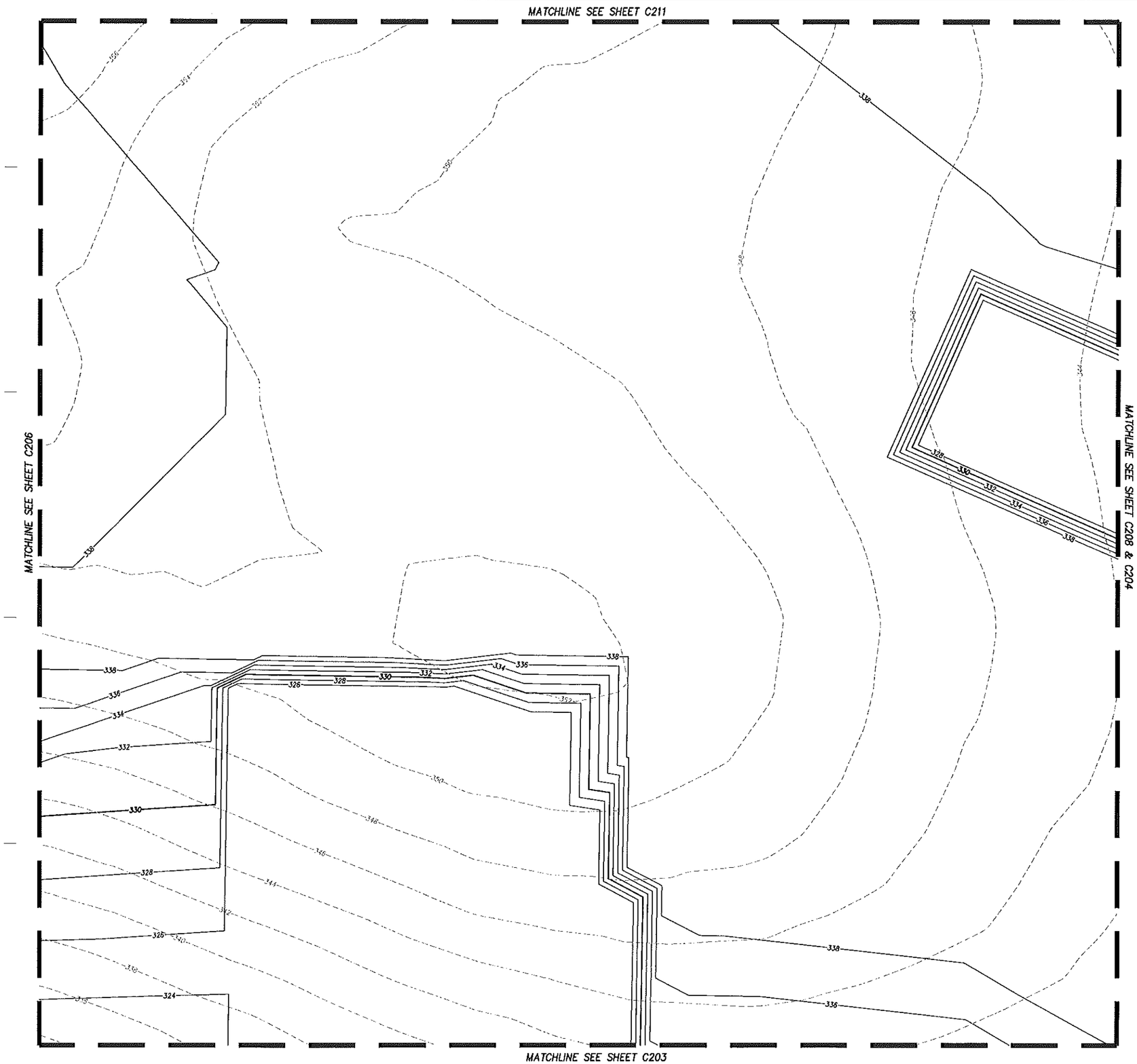
Scale:

Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C206



Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone 503.221.1131 www.hhpr.com fax: 503.221.1171

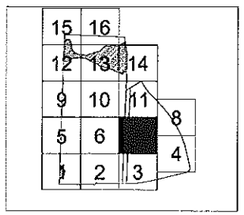
boora
Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE



MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

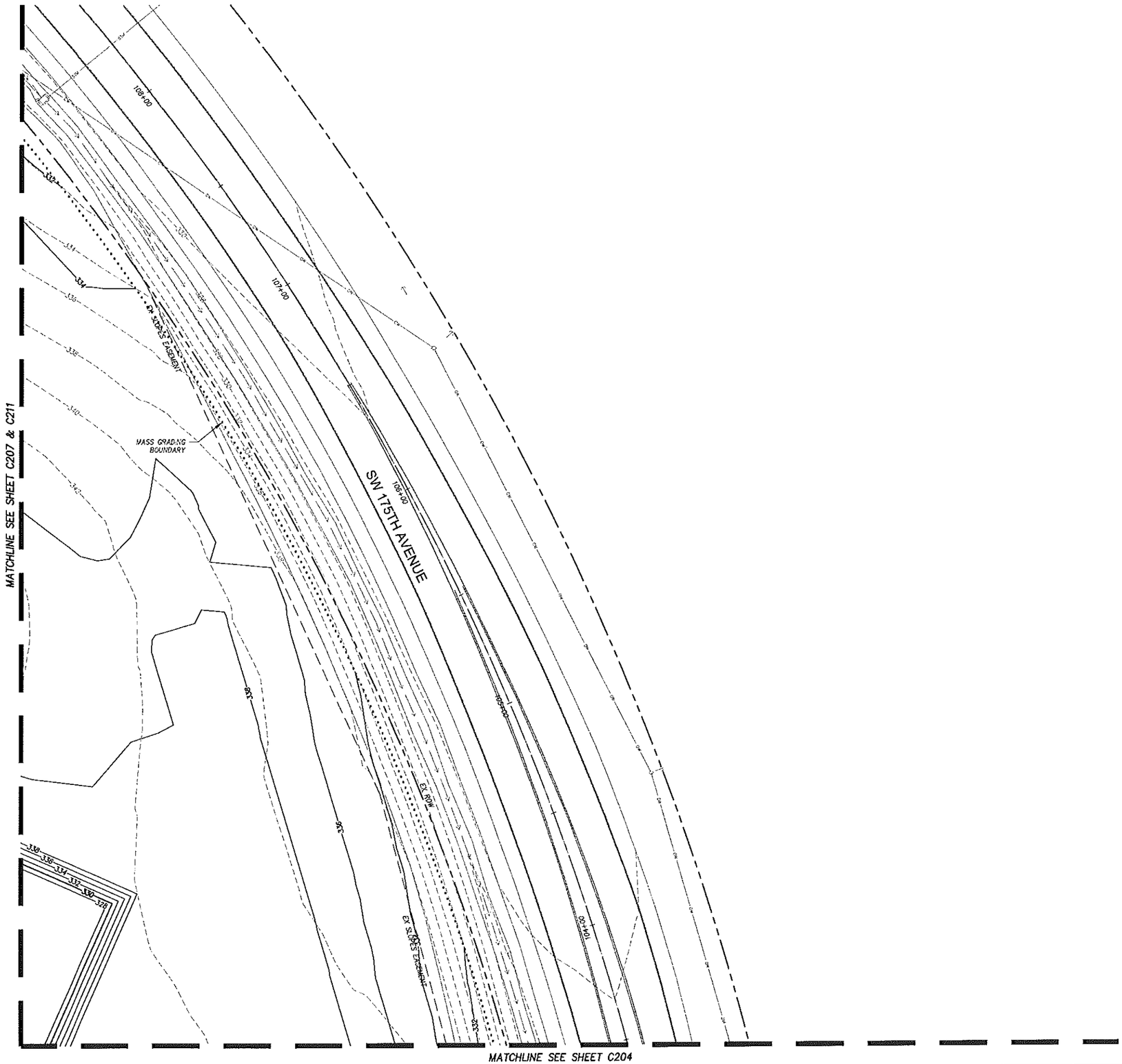
Scale:

Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C207



0 10 20 40
SCALE: 1" = 20'

Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone 503.221.1131 www.hhpr.com fax 503.221.1171

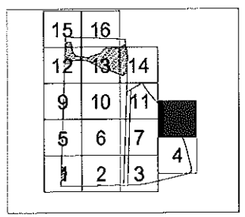
boora
Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE



MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

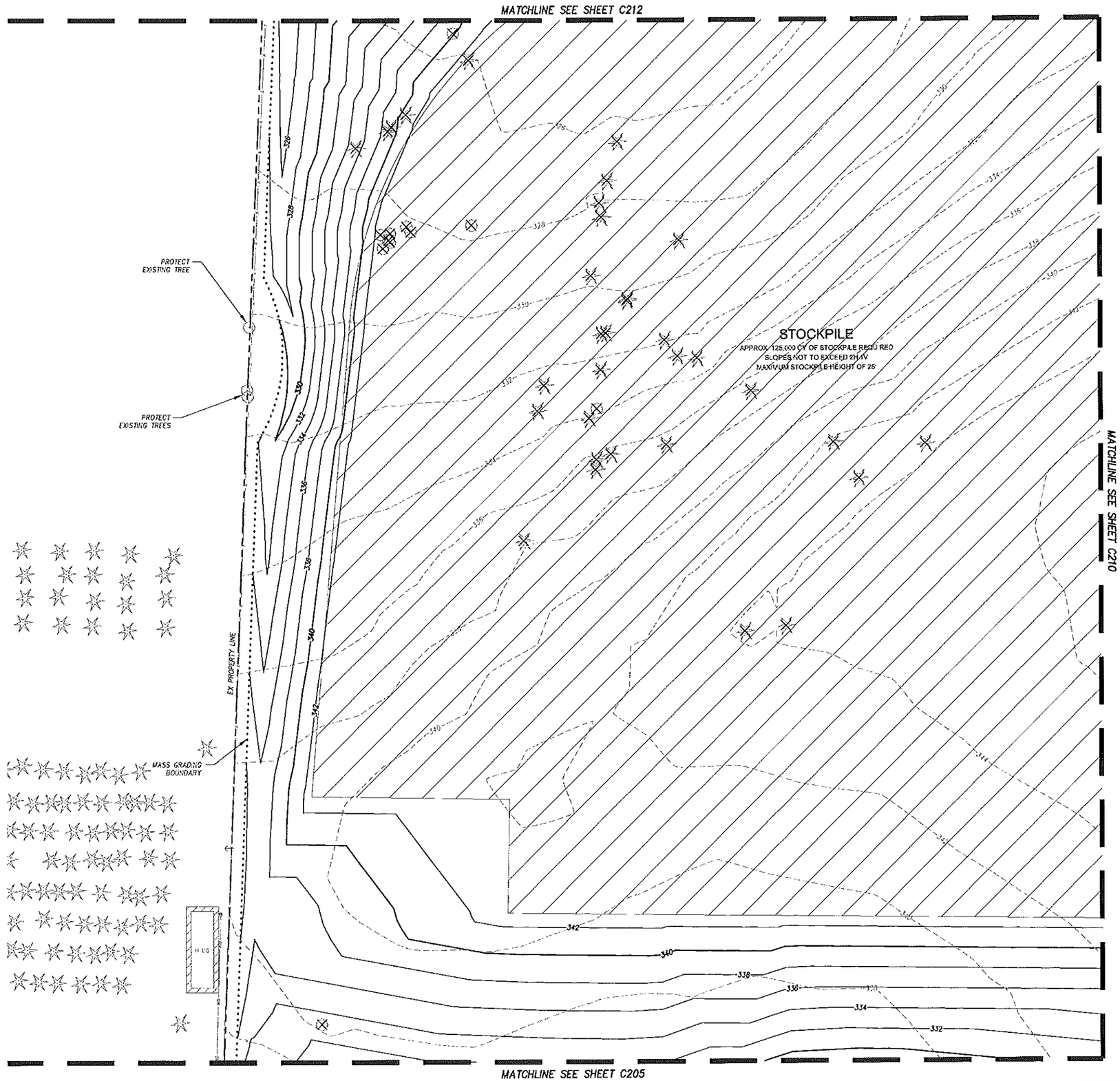
Scale:

Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C208



Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone 503.221.1131 www.hhpr.com fax 503.221.1171

boora

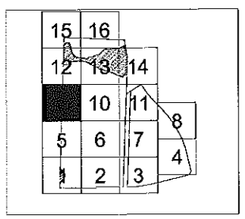
Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE



MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

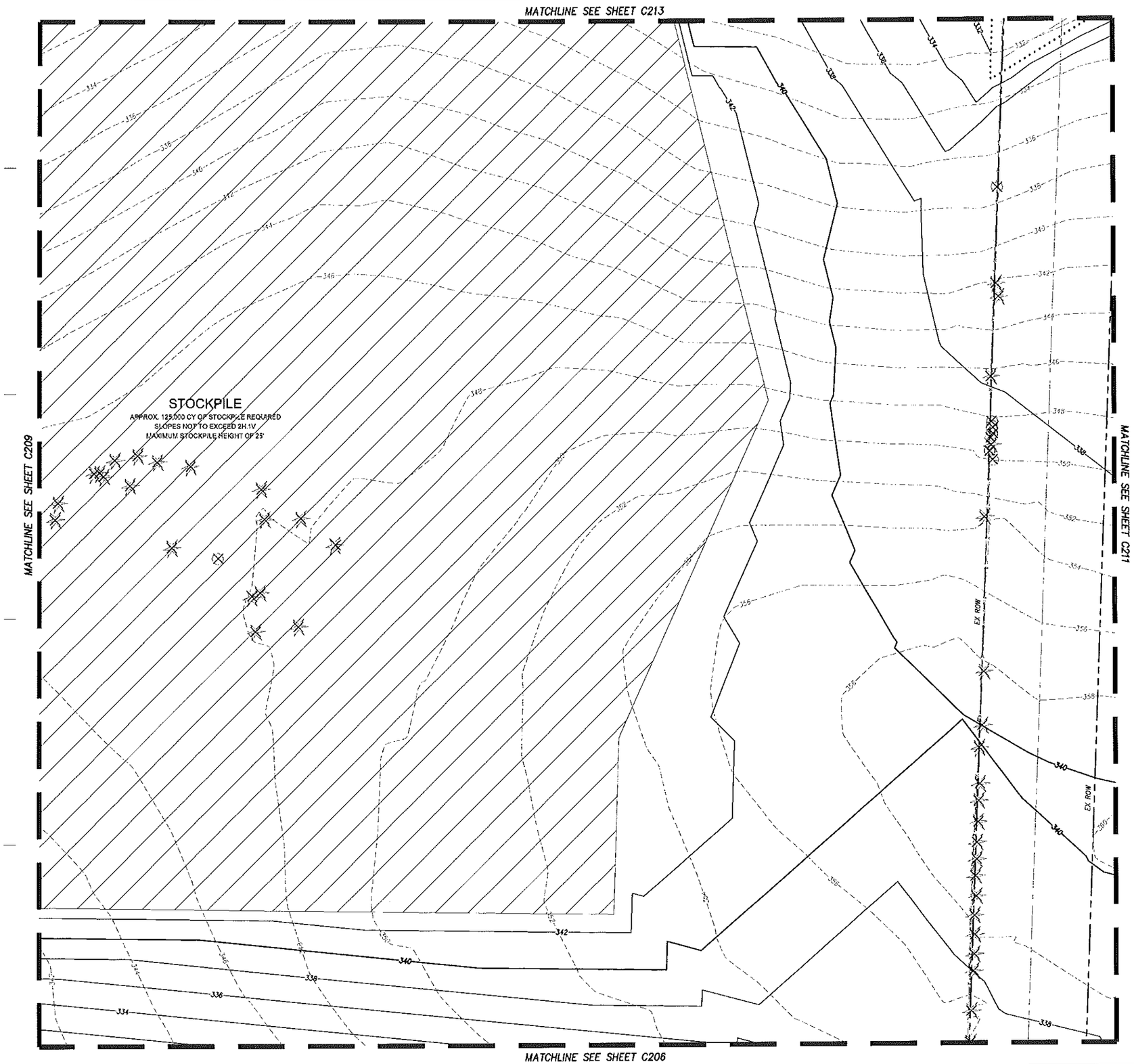
Scale:

Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C209



Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone 503.221.1131 www.hhpr.com fax 503.221.1171

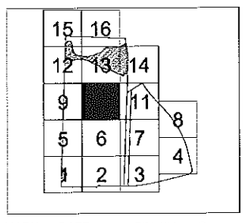
boora
Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE



MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

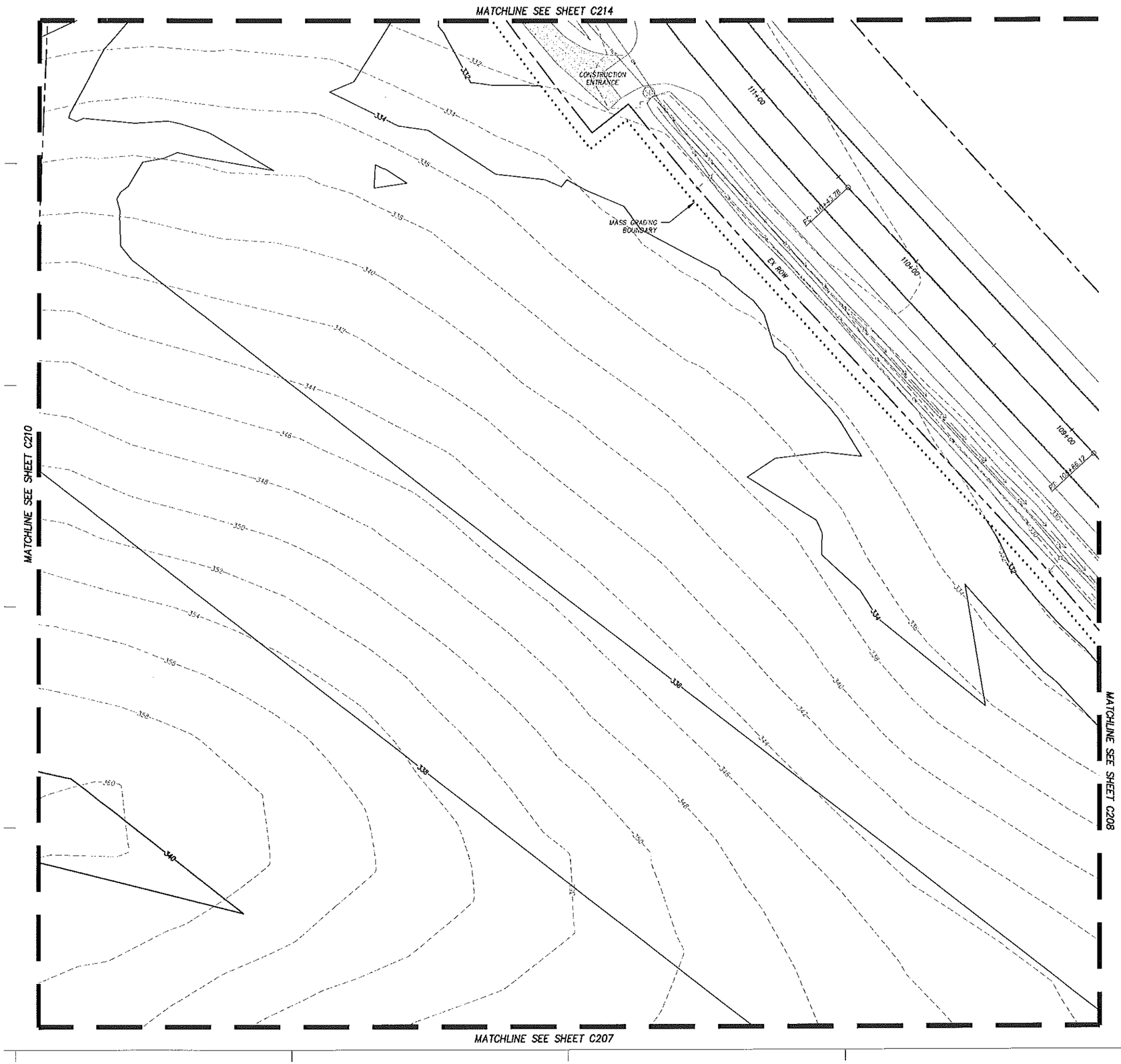
Scale:

Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C210



SCALE: 1" = 20'

HHPR Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone: 503.221.1131 www.hhpr.com fax: 503.221.1171

boora

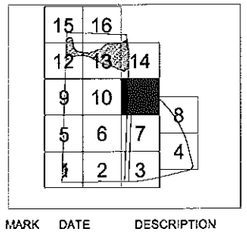
Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE



MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

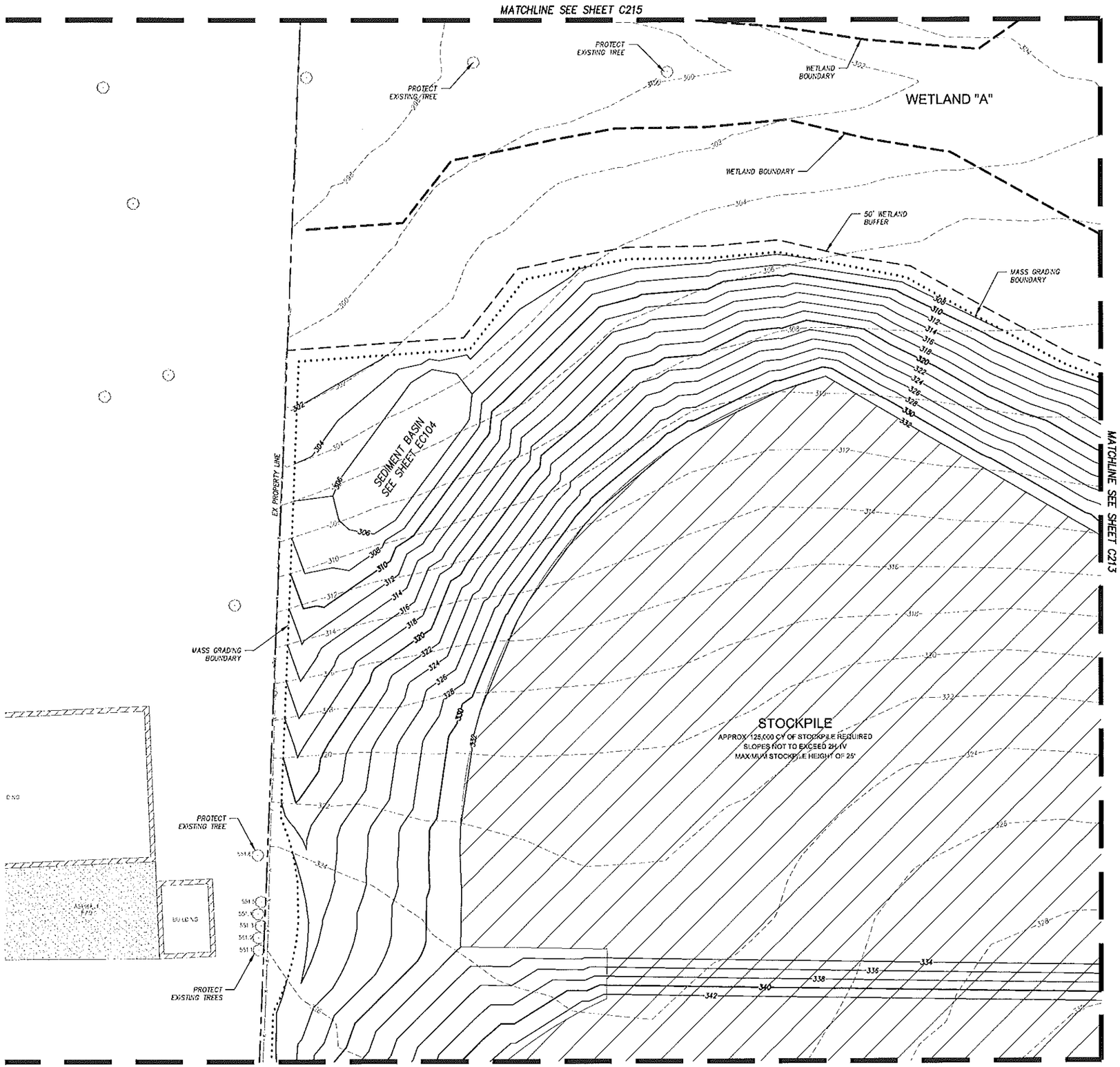
Scale:

Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C211



0 10 20 40
SCALE: 1" = 20'

Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone: 503.221.1131 www.hhpr.com fax: 503.221.1171

boora
Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE

15	16	
	13	14
9	10	11
5	6	7
1	2	3

8
4

MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

Scale:

Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C212

MATCHLINE SEE SHEET C216

WETLAND "A"

REMOVE TREE AFTER WETLAND FILL PERMIT IS ISSUED

WETLAND BOUNDARY

LIMITS OF MASS GRADING

50' WETLAND BUFFER

EX ROW

MATCHLINE SEE SHEET C212

MATCHLINE SEE SHEET C214

STOCKPILE

APPROX. 123,000 CY OF STOCKPILE REQUIRED
SLOPES NOT TO EXCEED 2H:1V
MAXIMUM STOCKPILE HEIGHT OF 25'

MATCHLINE SEE SHEET C210

0 10 20 40
SCALE: 1" = 20'

Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone: 503.221.1131 www.hhpr.com fax: 503.221.1171

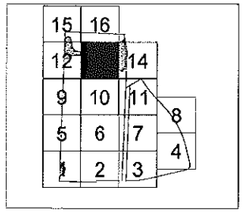
boora
Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE



MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

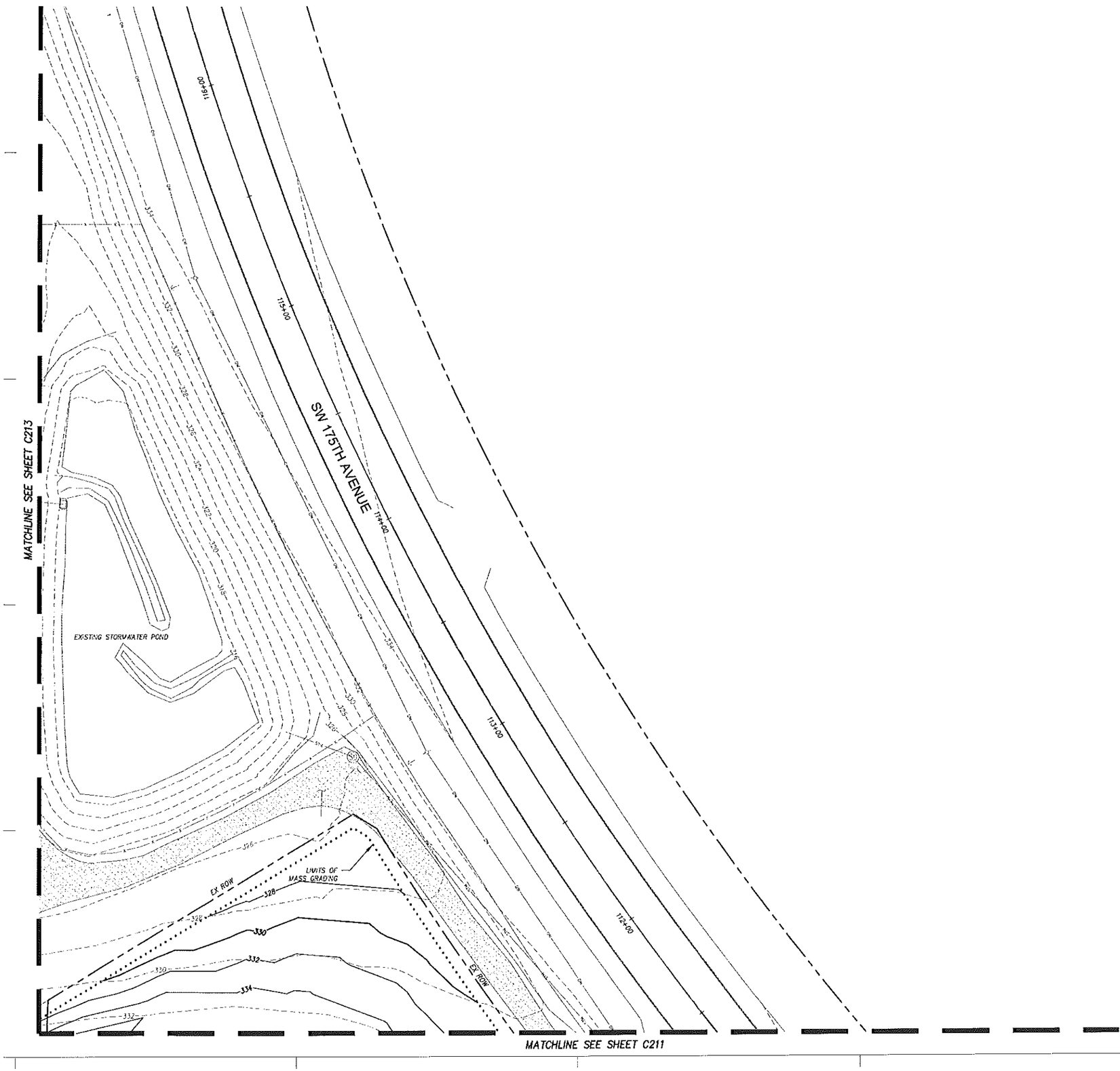
Scale:

Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C213



0 10 20 40
SCALE: 1" = 20'

Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone 503.221.1131 www.hhpr.com fax 503.221.1171

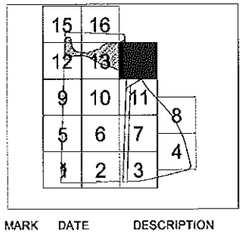
boora
Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE



MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

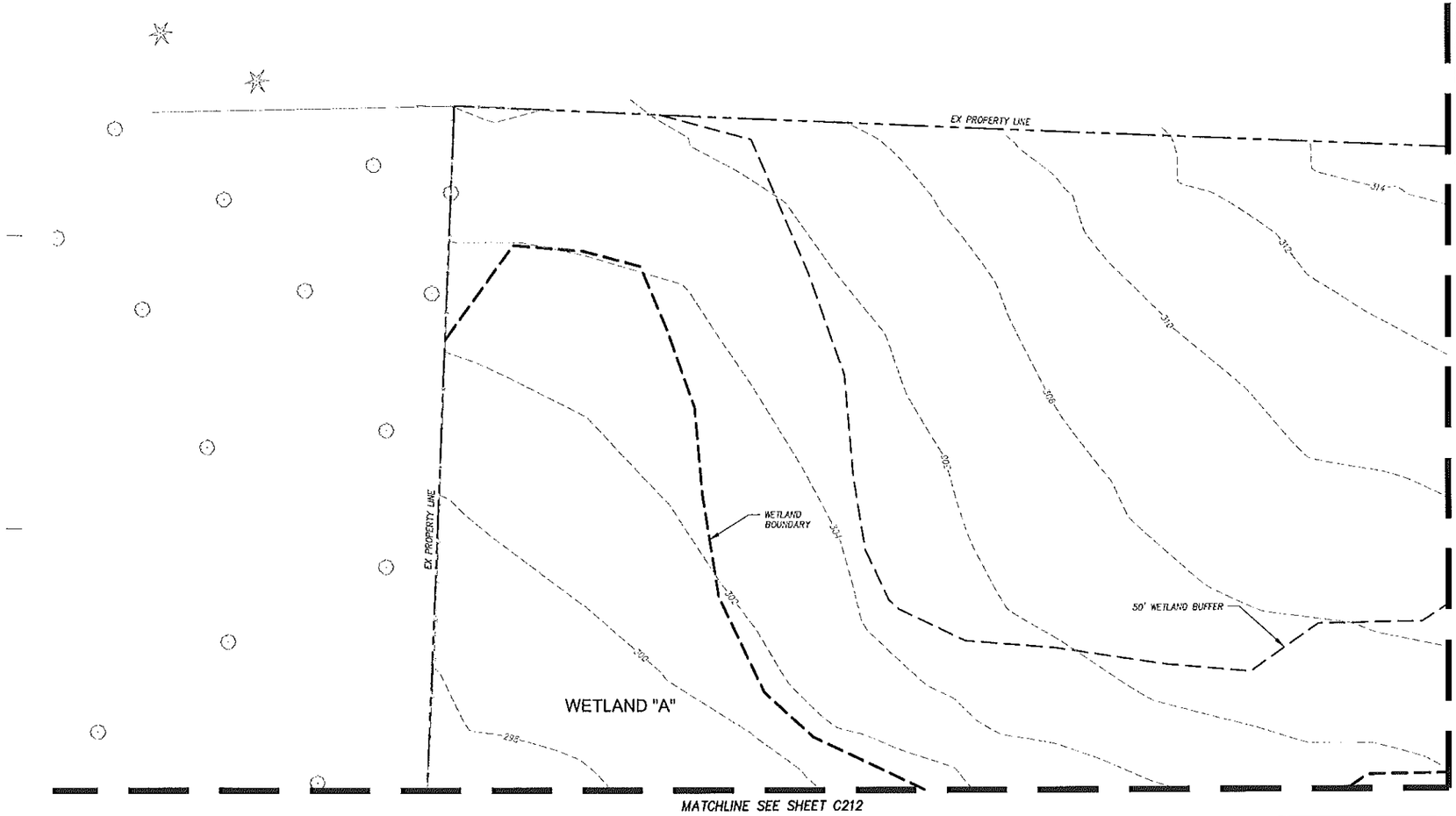
Scale:

Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C214



NO MASS GRADING THIS SHEET

Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone 503.221.1131 www.hhpr.com fax 503.221.1171

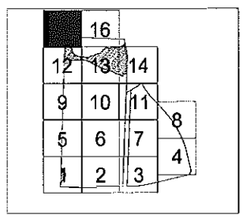
boora
Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE



MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

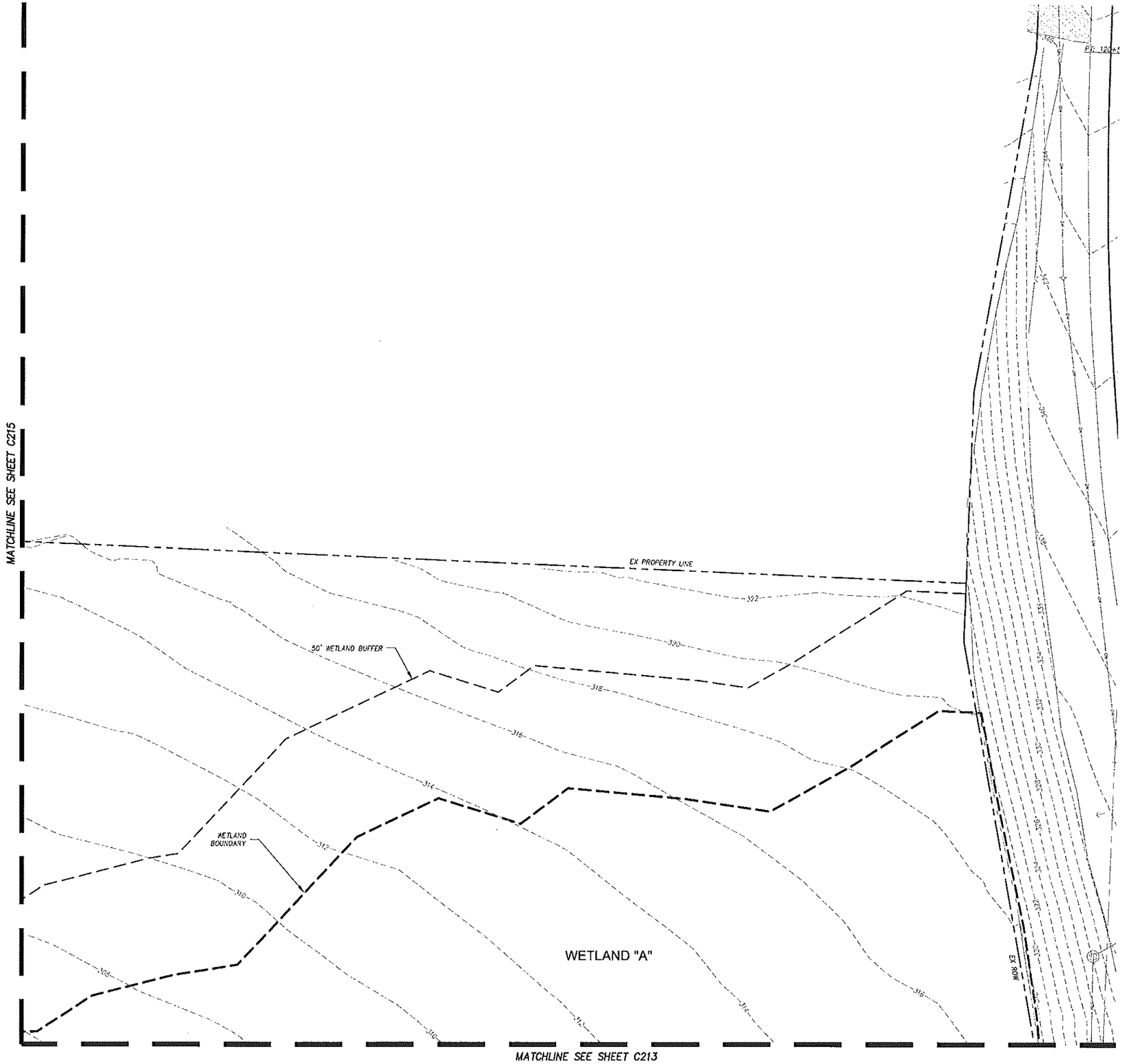
Scale:

Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C215



NO MASS GRADING THIS SHEET

0 10 20 40
SCALE: 1" = 20'

Harper Houf Peterson Righellis Inc.
ENGINEERS • PLANNERS
LANDSCAPE ARCHITECTS • SURVEYORS
205 SE Spokane Street, Suite 200, Portland, OR 97202
phone: 503.221.1131 www.hhpr.com fax: 503.221.1171

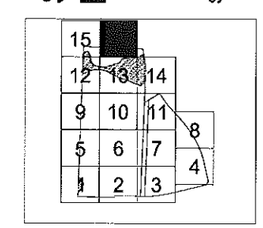
boora
Boora Architects Inc.
720 SW Washington Suite 800
Portland, OR 97205
T. 503.226.1575 F. 503.241.7429
www.boora.com

ISSUED FOR INFORMATIONAL PURPOSES ONLY

NOT FOR CONSTRUCTION

SOUTH COOPER MOUNTAIN HIGH SCHOOL

SCHOLLS FERRY ROAD AND SW 175TH AVENUE



MARK	DATE	DESCRIPTION

Issued: APRIL 22, 2015

Scale:

Copyright 14013

DRCL/TREE PLAN 2 PKG

MASS GRADING PLAN

C216